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|---|--|---------------|-------------|--|
| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No. | SON-1351/DIV | Total Pages | |
| | First Named Inventor or Application Identifier | | | |
| | Express Mail Label No. | Hiroyuki MIWA | | |

jc931 U.S. PTO
01/28/02

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01/28/02

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|--|--|----------|--------------------------------------|--|--|---------|--|--|--|------|------------|-------|----|---------|--------------------------|-------|----------------|--|--|----------|-------|--|--|-----|----------------|
| APPLICATION ELEMENTS <small>See MPEP Chapter 600 concerning utility patent application contents</small> | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 27] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC d113) [Total Sheets 5]</p> <p>4. Oath or Declaration [Total Pages 2] a. <input type="checkbox"/> Newly Executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identical of above copies</p> <p>ACCOMPANYING APPLICATION PARTS</p> <p>8. <input type="checkbox"/> Assignment Papers (cover sheet & Documents(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.27(B) Statement [Power of Attorney] (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]</p> <p>12. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity Statement(s) [Statement filed in prior application Status still proper and desired]</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: Proposed drawing change and separate letter to Official Draftsperson</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: 08/932,832</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>18. CORRESPONDENCE ADDRESS</p> <p><input type="checkbox"/> Customer Number or Bar Code Label or <input checked="" type="checkbox"/> Correspondence address below</p> <table border="1"><tr><td>NAME</td><td colspan="3">Ronald P. Kananen Reg. No. 24,104</td></tr><tr><td>ADDRESS</td><td colspan="3">1233 20th St, Suite 501, N.W.,</td></tr><tr><td>CITY</td><td>Washington</td><td>STATE</td><td>DC</td></tr><tr><td>COUNTRY</td><td>United States of America</td><td>PHONE</td><td>(202) 955-3750</td></tr><tr><td></td><td></td><td>ZIP CODE</td><td>20036</td></tr><tr><td></td><td></td><td>FAX</td><td>(202) 955-3751</td></tr></table> | | NAME | Ronald P. Kananen Reg. No. 24,104 | | | ADDRESS | 1233 20 th St, Suite 501, N.W., | | | CITY | Washington | STATE | DC | COUNTRY | United States of America | PHONE | (202) 955-3750 | | | ZIP CODE | 20036 | | | FAX | (202) 955-3751 |
| NAME | Ronald P. Kananen Reg. No. 24,104 | | | | | | | | | | | | | | | | | | | | | | | | |
| ADDRESS | 1233 20 th St, Suite 501, N.W., | | | | | | | | | | | | | | | | | | | | | | | | |
| CITY | Washington | STATE | DC | | | | | | | | | | | | | | | | | | | | | | |
| COUNTRY | United States of America | PHONE | (202) 955-3750 | | | | | | | | | | | | | | | | | | | | | | |
| | | ZIP CODE | 20036 | | | | | | | | | | | | | | | | | | | | | | |
| | | FAX | (202) 955-3751 | | | | | | | | | | | | | | | | | | | | | | |

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| | First Named Inventor or Application Identifier | | |
| | Division application of | | |
| | Hiroyuki MIWA | | |

08/932,832

Fee Calculation Sheet

(Submit in duplicate)

| CLAIMS | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5) CALCULATIONS |
|--------|--|------------------|------------------|---|------------------|
| | TOTAL CLAIMS <small>(37 CFR 1.16(c))</small> | 9 - 20 = | 0 | x \$18.00 | \$0 |
| | INDEPENDENT CLAIMS <small>(37 CFR 1.6(d))</small> | 2 - 3 = | 0 | x \$84.00 | 0 |
| | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) | | | x \$ | 0 |
| | | | | BASIC FEE <small>(37 CFR 1.16(a))</small> | 740.00 |
| | Total of above Calculations = | | | | |
| | Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28). | | | | |
| | TOTAL = | | | | \$740.00 |

1. Small entity status:

a. ☐ A small entity statement is enclosed.

b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.

c. ☐ is no longer claimed.

2. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. **18 0013**

a. ☒ Fees required under 37 CFR 1.16.

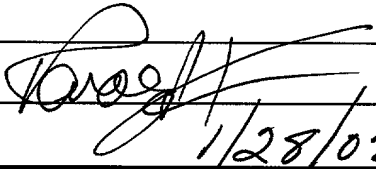
b. ☒ Fees required under 37 CFR 1.17.

c. ☐ Fees required under 37 CFR 1.18.

3. ☐ A check in the amount of \$ is enclosed

4. ☒ Other: Recognize the following as having associate power of attorney:
Steven L. Nichols, Reg. No. 40,326

11. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | |
|-----------|---|
| NAME | |
| SIGNATURE |  |
| DATE | 1/28/02 |

SON-1351/DIV

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Divisional Application of)
The Patent Application of)
HIROYUKI MIWA) Group Art Unit: 2508
Serial No. Not yet assigned) Examiner: S. Loke
Filed: January 28, 2002)
For: BIPOLAR TRANSISTOR HAVING A)
REDUCED BASE TRANSIT TIME)
(as amended))

LETTER TO THE OFFICIAL DRAFTSPERSON
RE: PROPOSED DRAWING CHANGE

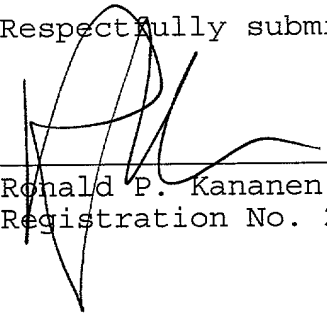
Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants seek approval to amends Figs. 3, 4A to 4C and 5A to 5C of the drawings, as shown in red ink on the attached sheets. This change corrects a typographical error in Fig. 3, rendering Fig. 3 consistent with the written specification, and labels Figs. 4A to 4C and 5A to 5C "PRIOR ART".

Respectfully submitted,

Dated: January 27, 2002 By:



Ronald P. Kananen
Registration No. 24,104

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